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(87) International Publication Data WO00/77431 En 21.12.2000	GB 2347952 A      GB 2347950 A      GB 2344606 A GB 1137310 A      EP 0881354 A      WO 99/35368 A WO 98/00626 A      US 5924745 A      US 4707001 A US 4703959 A      US 4648627 A      US 4577895 A US 4501443 A
(71) Applicant(s) Shell Internationale Research Maatschappij B.V. (Incorporated in the Netherlands) Department IP/43 Carel Van Bylandtlaan 30, 2596 HR The Hague, Netherlands	(58) Field of Search UK CL (Edition S ) E1F F2J FLA, F2G INT CL <sup>7</sup> E21B , F16L Online: WPI, EPODOC, JAPIO
(72) Inventor(s) Robert Lance Cook David Paul Brisco R Bruce Stewart Lev Ring Richard Carl Haut	(72) cont Robert D Mack Alan B Duell Andrei G Filippov
	(74) continued overleaf

(54) Abstract Title  
**Wellbore casing with radially expanded liner extruded off of a mandrel**

(57) An expandable threaded connection includes a first tubular member, a second tubular member and a threaded connection for coupling the tubular members that includes one or more sealing members.

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This international application was published on 21 December 2000. The international search is not available and, therefore, the search incorporated into this document has been made under Section 17.

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GB 2 355 738 A



Application No: GB 0016917.7  
Claims searched: 1

Examiner: David Pepper  
Date of search: 25 September 2000

## Patents Act 1977 Search Report under Section 17

### Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.R): E1F FJT, FLA

Int Cl (Ed.7): E21B

Other: Online: WPI, EPODOC, JAPIO

### Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
X,E	GB 2347952 A (Shell Int Research)	1
X,E	GB 2347950 A (Shell Int Research)	1
X,E	GB 2344606 A (Shell Int Research)	1
X	EP 0881354 A (Sofitech N.V.)	1
X	WO 99/35368 A (Shell Int Research) - see figure 4	1
X	WO 98/00626 A (Shell Int Research)	1

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.



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Application No: GB 0016917.7  
Claims searched: 43-52

Examiner: David Pepper  
Date of search: 25 January 2001

**Patents Act 1977**  
**Further Search Report under Section 17**

**Databases searched:**

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.S): F2G

Int Cl (Ed.7): F16L

Other: Online: WPI, EPODOC, JAPIO

**Documents considered to be relevant:**

Category	Identity of document and relevant passage	Relevant to claims
A	GB 1137310 A (Commissariat a l'Energie Atomique)	-
A	US 5924745 A (Petrolime Wellsystems Ltd)	-
X	US 4707001 A (Seal-Tech Inc) - see col 5, lines 9-37	43-45
X	US 4703959 A (Hydril Co)	43-45
X	US 4648627 A (Dril-Quip Inc) - see col 4, lines 25-39	43-45,47
X	US 4577895 A (Hub City Works Inc) - see col 2, lines 40-54	43,44
A	US 4501443 A (Mannesmann Aktiengesellschaft)	-

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&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application



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Application No: GB 0016917.7  
Claims searched: 59-63

Examiner: David Pepper  
Date of search: 25 January 2001

### Patents Act 1977

### Further Search Report under Section 17

#### Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.S): E1F FLA

Int Cl (Ed.7): E21B

Other: Online: WPI, EPODOC, JAPIO

#### Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
A,P	GB 2344606 A (Shell Internationale Research Maatschappij B.V.)	

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|---|---|
| X Document indicating lack of novelty or inventive step   | A Document indicating technological background and/or state of the art  |
| Y Document indicating lack of inventive step if combined with one or more other documents of same category. | P Document published on or after the declared priority date but before the filing date of this invention          |
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